

CLAIMS

I claim:

1. A system for retrieving user-defined information from a web site, comprising:
 - 5 a computer-based clipping client configured to create an instruction set identifying information to be retrieved from a web site; said instruction set comprising,
 - a uniform resource locator address for said web site; and
 - 10 a content descriptor of said web site, said content descriptor identifying the location of said information to be retrieved for said user,
 - a recognition grammar assigned to said instruction set by said user,
 - 15 a database configured for storing on magnetic media said instruction set and said recognition grammar;
 - a CPU-based media server, including at least a speech recognition engine, a speech synthesis engine, an interactive voice response application, a call processing system, and telephony hardware, and configured to retrieve said instruction set from said database in response to a speech command from said user, said speech command being described in said recognition grammar;
 - 20 a CPU-based web browsing server connected with said media server and including at least a content extraction agent, a content fetcher, and a content descriptor file, said web browsing server configured to access said web site and to retrieve said information identified by said instruction set; and
 - 25 said media server configured to transmit an audio message to said user comprising said information retrieved from said web site.
- 25 2 A method for retrieving user-defined information from a web site, comprising the steps of:
 - providing a clipping client for creating an instruction set identifying information to be retrieved from a web site;
 - 30 said instruction set comprising,
 - a uniform resource locator address for said web site; and
 - a content descriptor of said web site, said content descriptor identifying the location of said information to be retrieved for said user;

- assigning a recognition grammar to said instruction set;
storing said instruction set and said recognition grammar on magnetic media in a
database;
- retrieving said instruction set from said database in response to a speech
5 command from said user described in said recognition grammar,
- accessing said web site and retrieving said information identified by said
instruction set;
- generating an audio response comprised of said information retrieved from said
web site; and
- 10 transmitting to said user said audio response

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